

CLAIMS:

1. A valve for use in a pressurized receptacle containing a fluid to be dispensed therefrom with at least one propellant gas, said valve comprising an orifice-forming member defining an orifice for dispensing said fluid, a shutter member movable under the action of gravity between a closed position in which said shutter member substantially closes said orifice when said valve is in a predetermined orientation and a dispensing position in which said shutter member releases said orifice, and an absorber disposed downstream from said shutter member relative to the direction of flow of said fluid, said absorber adapted to absorb said at least one propellant gas contained within said fluid and for releasing at least a portion of said at least one propellant gas upon a decrease in pressure in the area adjacent to said absorber.

2. The valve of claim 1 wherein said absorber comprises porous material.

3. The valve of claim 1 wherein said absorber comprises a material capable of absorbing said at least one propellant gas.

4. The valve of claim 1 wherein said absorber comprises a material having a chemical nature enabling said absorber to absorb said at least one propellant gas contained in a fluid.

5. The valve of claim 1 wherein said at least one propellant gas is selected from the group consisting of an alkane, a fluorine-containing compound and dimethyl ether.

6. The valve of claim 1 wherein said absorber comprises polyamide fibers.

7. The valve of claim 1 wherein said absorber comprises a separate sintered member.

8. The valve of claim 1 wherein said absorber comprises silicone.

9. The valve of claim 1 wherein said valve comprises a valve body, and including a chamber in fluid communication

10. The valve of claim 9 wherein said absorber is affixed to said valve body.
11. The valve of claim 1 including a valve rod, wherein said absorber is affixed to said valve rod.
12. The valve of claim 11 wherein said valve rod includes a first end, and wherein said absorber is affixed to said first end of said valve rod.
13. The valve of claim 1 wherein said valve comprises a valve body, and wherein said shutter member is disposed in said valve body.
14. The valve of claim 1 wherein said valve comprises a valve body, and including a dip tube affixed to said valve body, said shutter member being disposed in said dip tube.
15. The valve of claim 1 wherein said shutter member comprises a ball.
16. The valve of claim 1 wherein said predetermined orientation comprises a head-down position for said valve, and wherein the position for normal use of said valve comprises a head-up position for said valve.
17. The valve of claim 1 wherein said predetermined orientation comprises a head-up position for said valve and wherein the position for normal use of said valve comprises a head-down position for said valve.
18. The valve of claim 1 including actuation means for actuating said valve, said actuation means being actuated by being depressed.
19. The valve of claim 1 including actuation means for actuating said valve, said actuation means being actuated by being rocked.
20. The valve of claim 5 wherein said alkane is selected from the group consisting of butane, isopropane and isobutane.
21. The valve of claim 5 wherein said fluorine-containing compound is selected from the group consisting of difluorethane 152a and tetrafluorethane 134a.
22. The valve of claim 6 wherein said polyamide fibers comprises nylon fibers.

23. A dispensing device for dispensing a fluid comprising a pressurized receptacle containing said fluid and a valve as defined in claim 1.

24. The device of claim 20 wherein said at least one propellant gas is selected from the group consisting of an alkane, a fluorine-containing compound and dimethyl ether and wherein said absorber is adapted to absorb said at least one propellant gas.

25. The valve of claim 24 wherein said alkane is selected from the group consisting of butane, isopropane and isobutane.

26. The valve of claim 24 wherein said fluorine-containing compound is selected from the group consisting of difluoroethane 152a and tetrafluoroethane 134a.